U.S. Army Transportation School

Maritime Training Office

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Bridge Simulator
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U.S. Army Transportation School

JLOTS Training with the Full Mission Vessel Bridge Simulator

Agenda

- Facility Arrangement
- Bridge Features
- Instructor Operator Station
- Own Ships
- Traffic Ships
- Exercise Areas
- JLOTS Training

Vessel Bridge Simulator Facility

Bridge Features

- Helm Console
- Radars (P&S)
- Navigation Station
- Virtual Binoculars
- Head Mounted Displays
- Bridge Wing Controls
- 360 Degree View
- Spot Lights
- Interior Communications
- VHF Radios
- Pelorus (P & S)
- Standard Compass

SPEARHEAD OF LOGISTICS

Full Mission Bridge

Radars (P & S)

Radars -- Decca 340E

Navigation Station

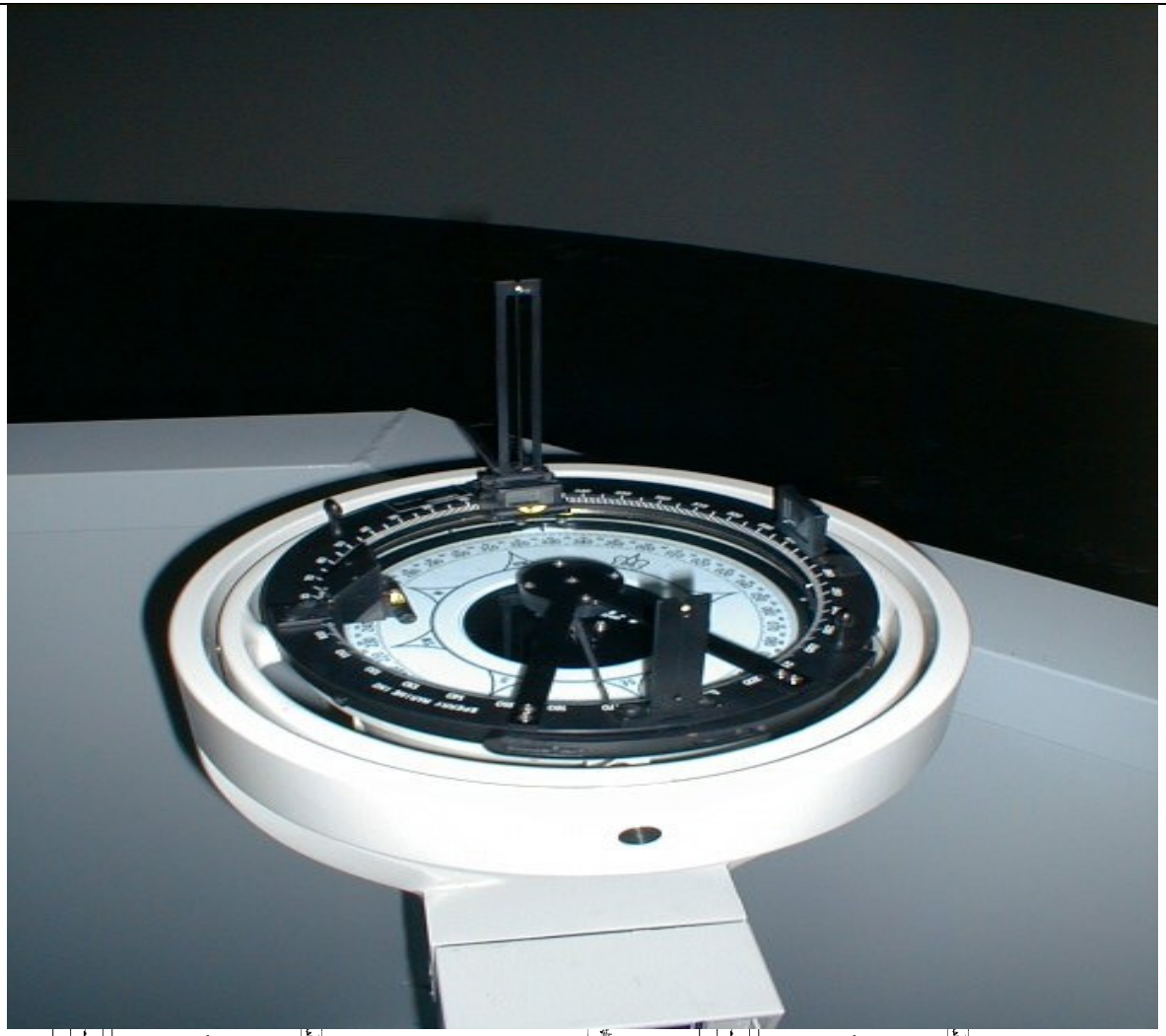
Virtual Binoculars (P & S)

Hood Mounted Display

Bridge Wing Controls

Bridge Wing Controls & HMD

Gyro Repeater - P & S Bridge Wings



Pelorus & Azimuth Circle (P & S)

Aft View

Aft View

Instructor Operator Station

Instructor Station

- View Scene on Monitors
- Create Scenarios
- Control Environmentals
- Control Traffic Ships
- Communication Suite
- Observe & Record Students - CCTV
- Playback Exercise & Brief Students

Instructor Operator Station (IOS)

IOS

IOS

CCTV

Briefing Room

Own Ships

* LCU-2000
* LSV
*LT-128
* LMSR
* FSS
* T-ACS

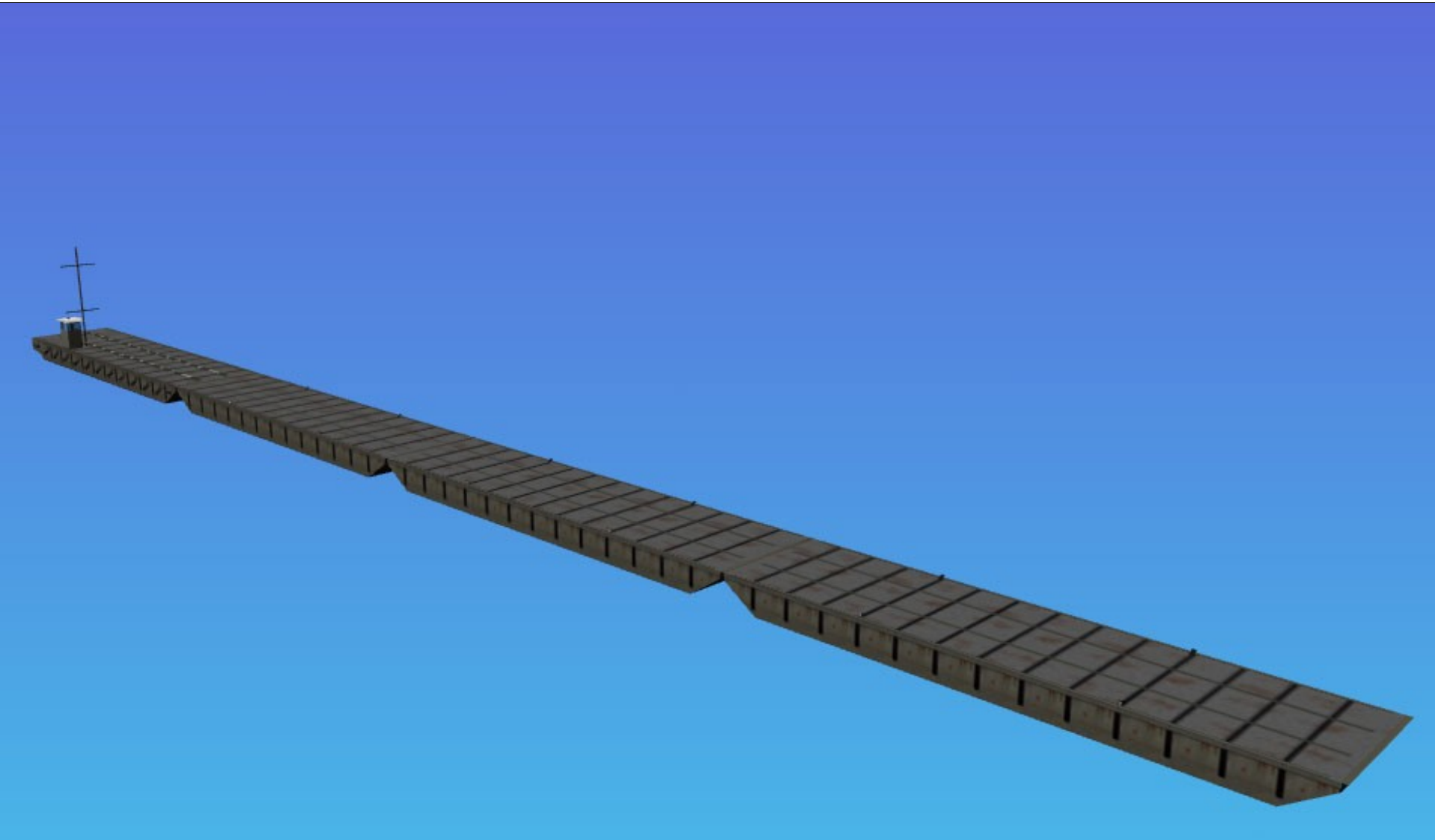
Traffic Ships

- Tankers
- Container Ships
- SEABEE
- LMSRs
- LCU-2000
- LT-800
- LCAC
- FSS
- Helicopters
- Passenger Ship
- Tug Boats
- USCG & USN Ships
- MCS
- LCM-8
- Fishing Vessels
- Pilot Boat
- Ice Bergs
- Submarines

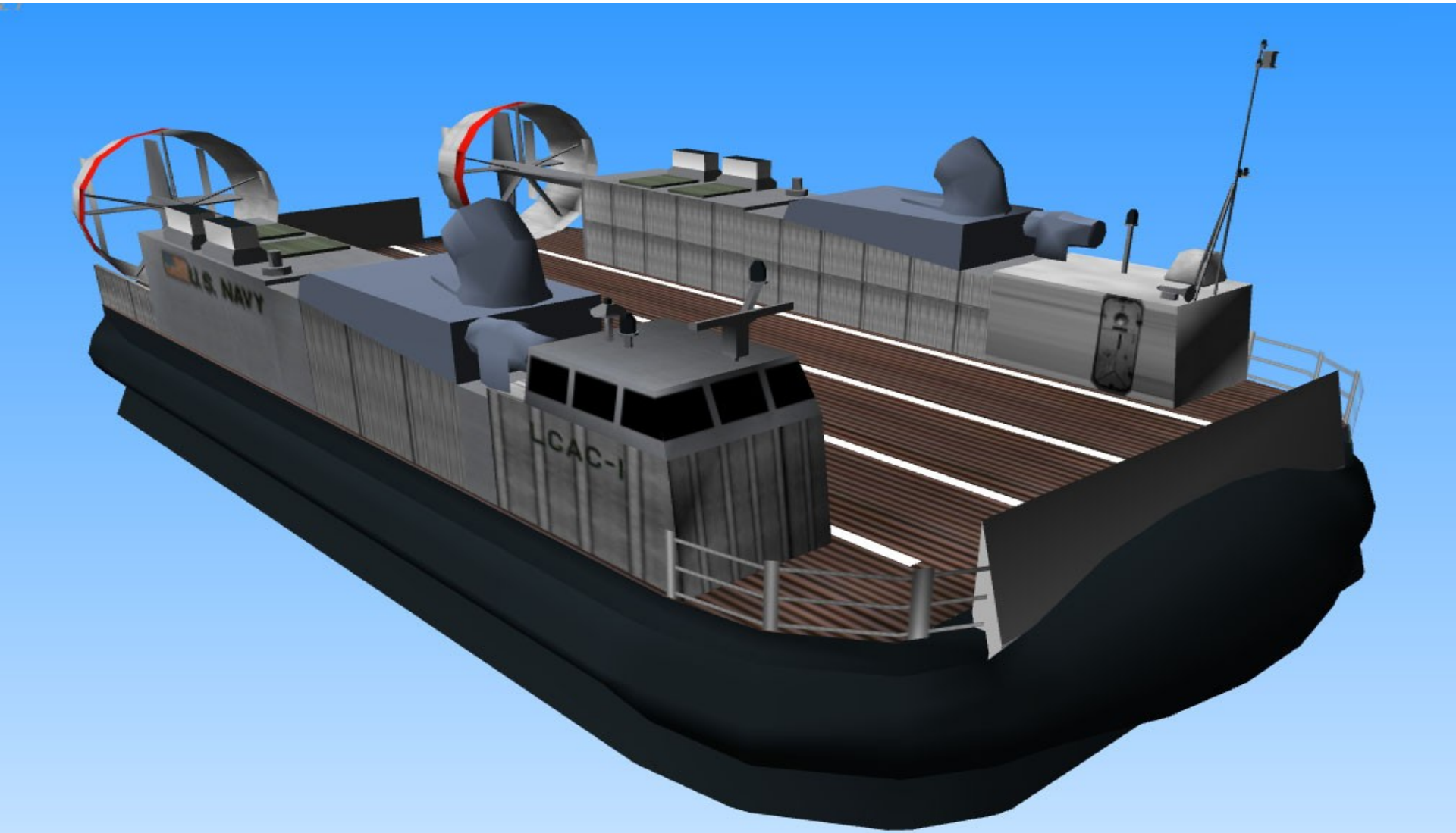
USCG Cutter

Container Ship

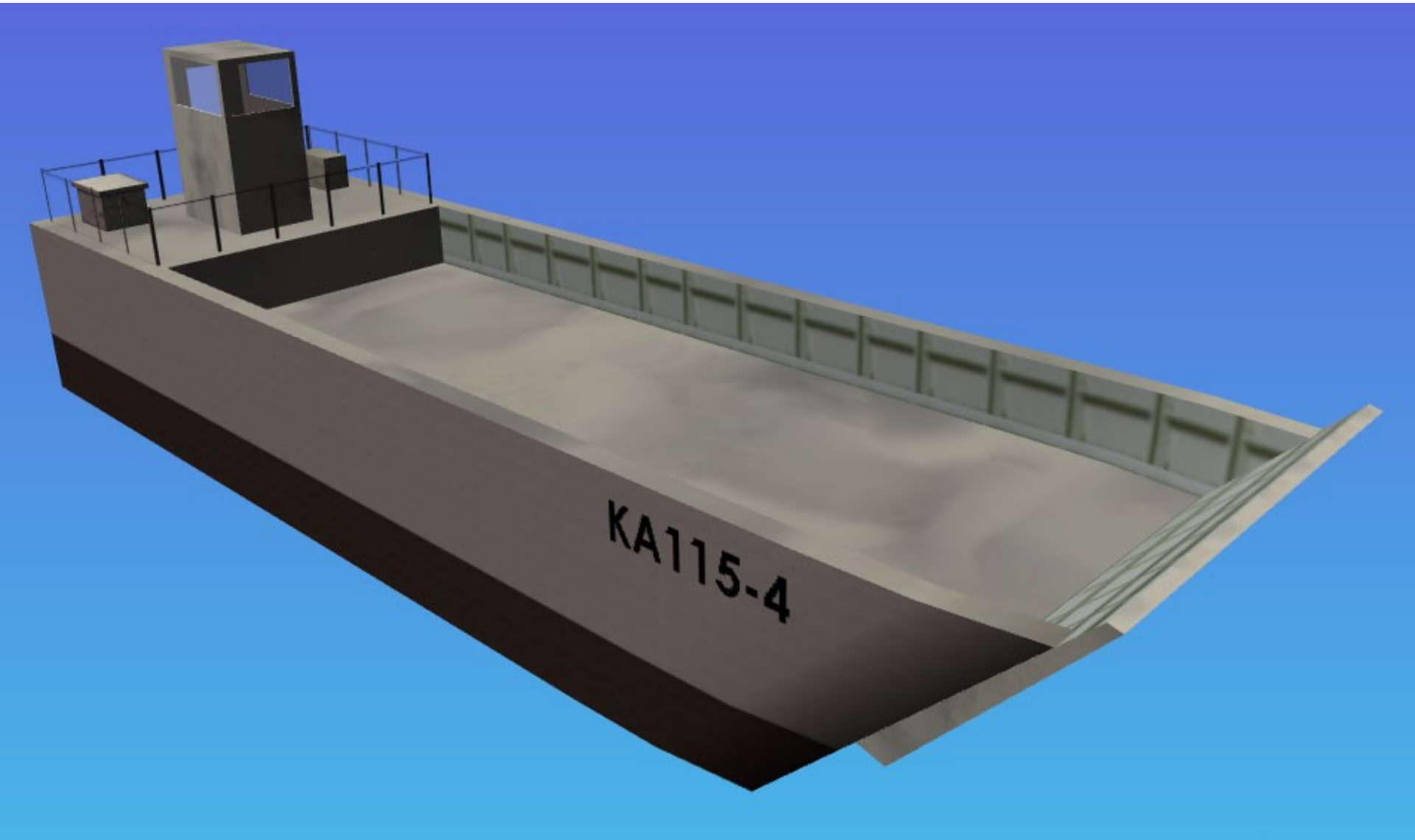
Causeway Ferry



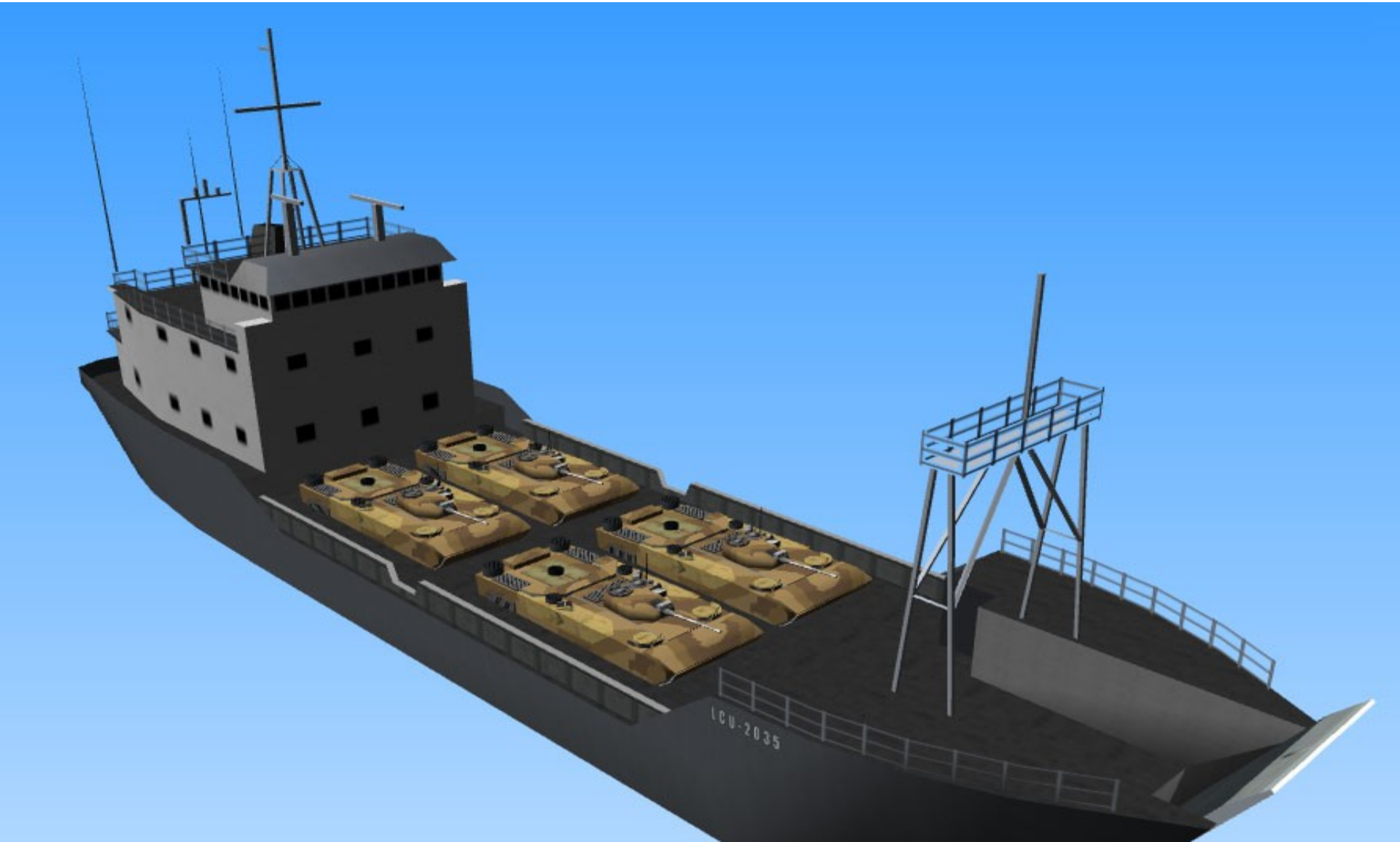
LCAC



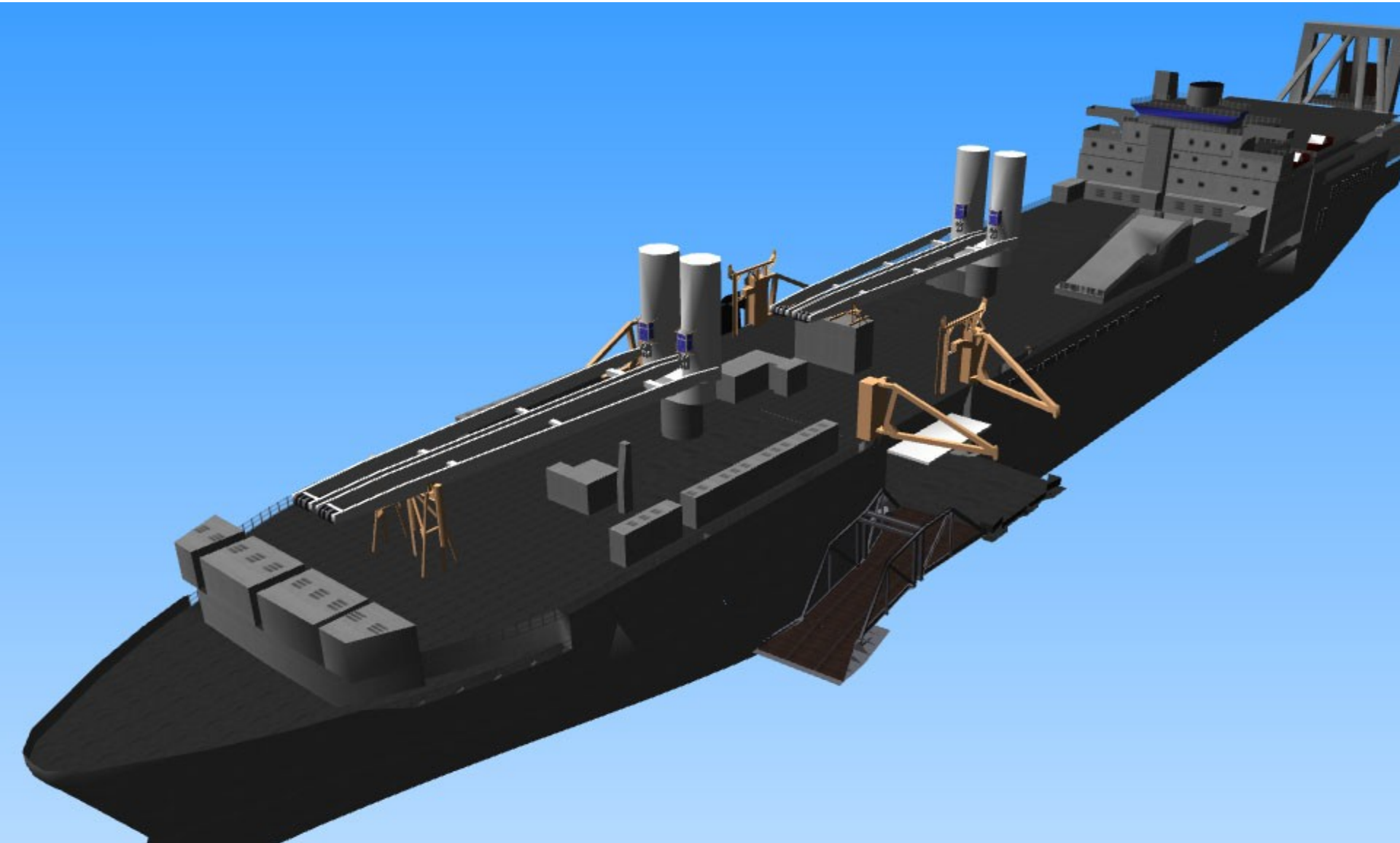
LCM-8



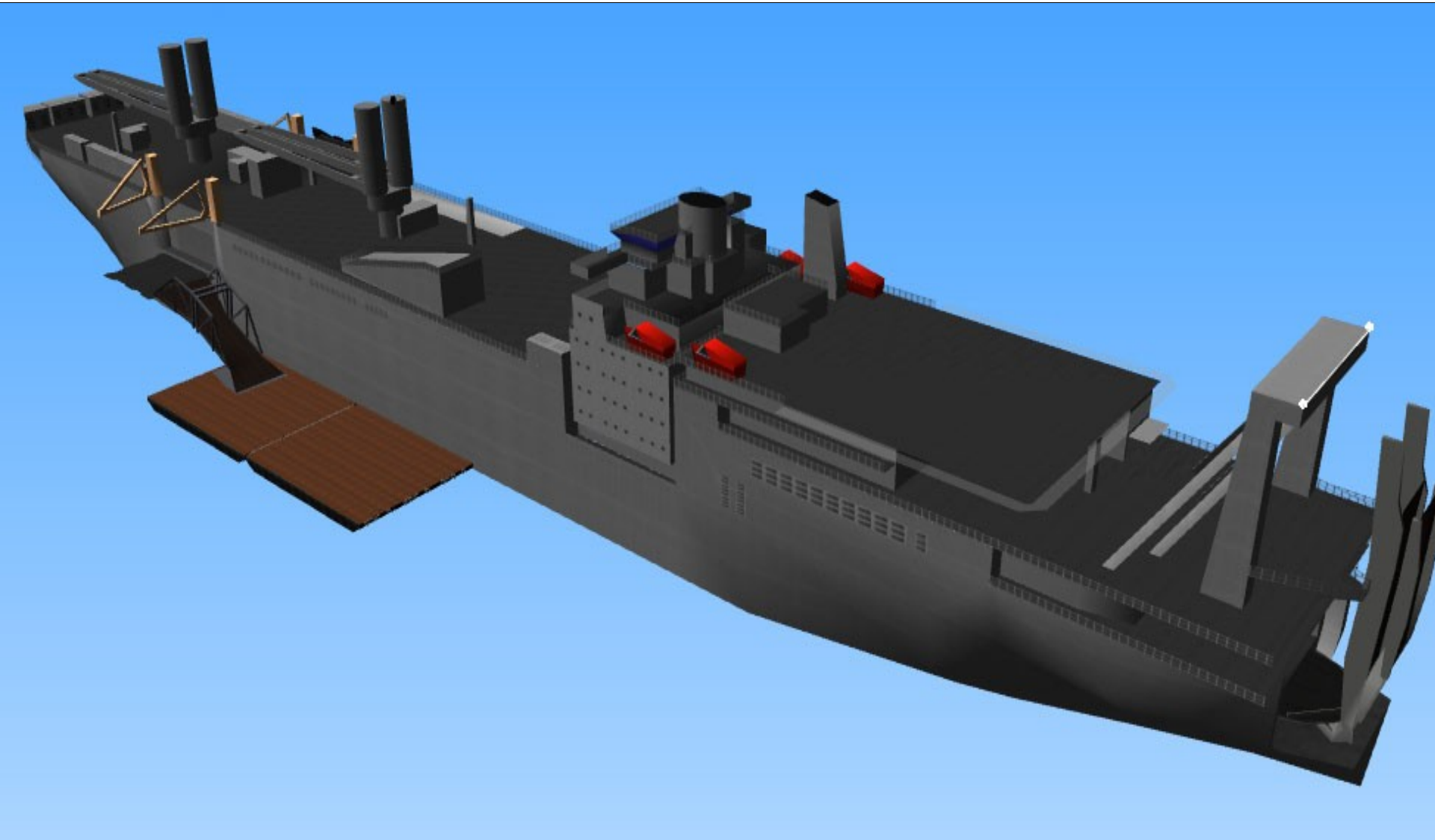
LCU-2000



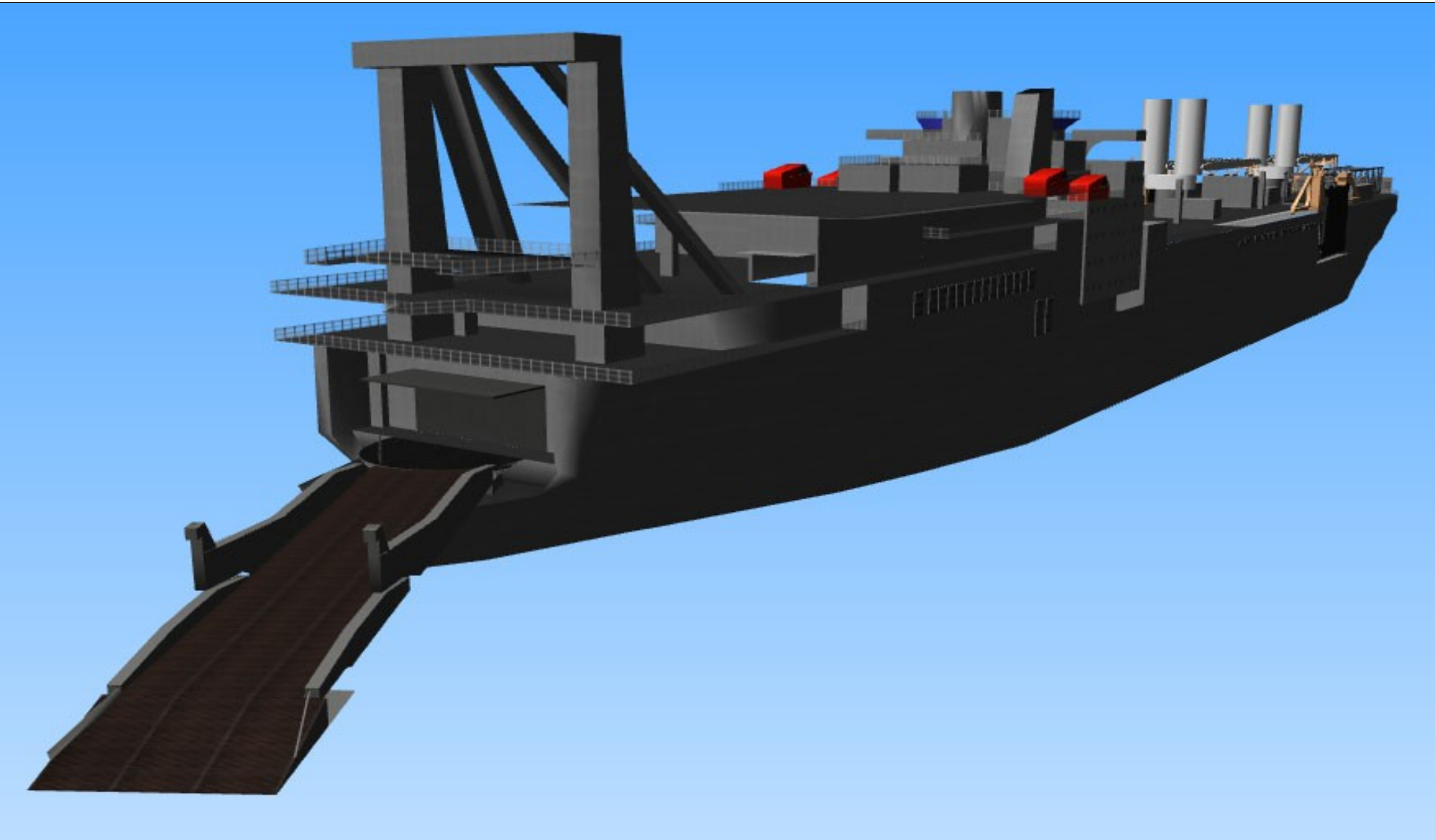
LMSR



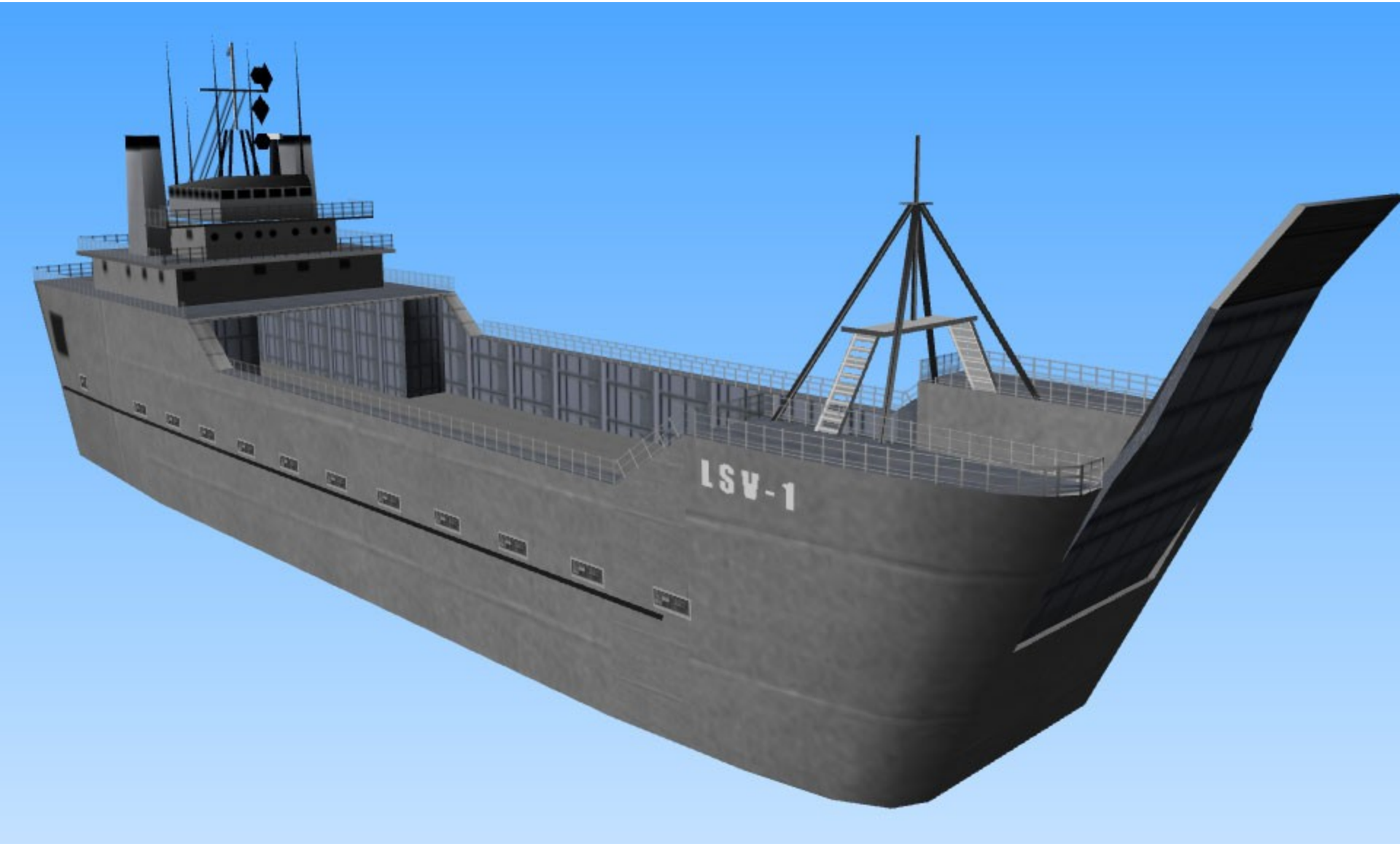
LMSR w/RRDF



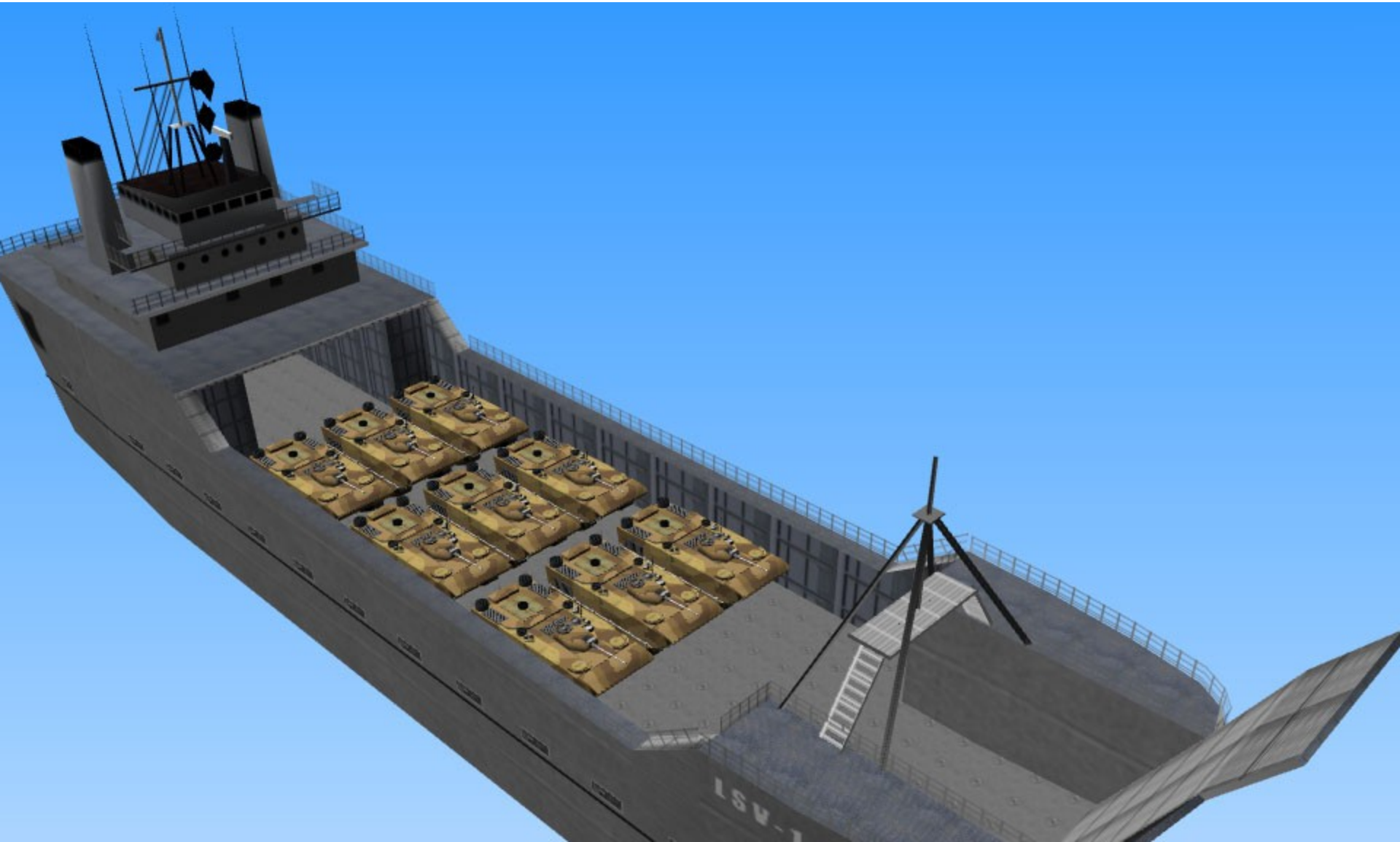
LMSR w/Stern Ramp



LSV

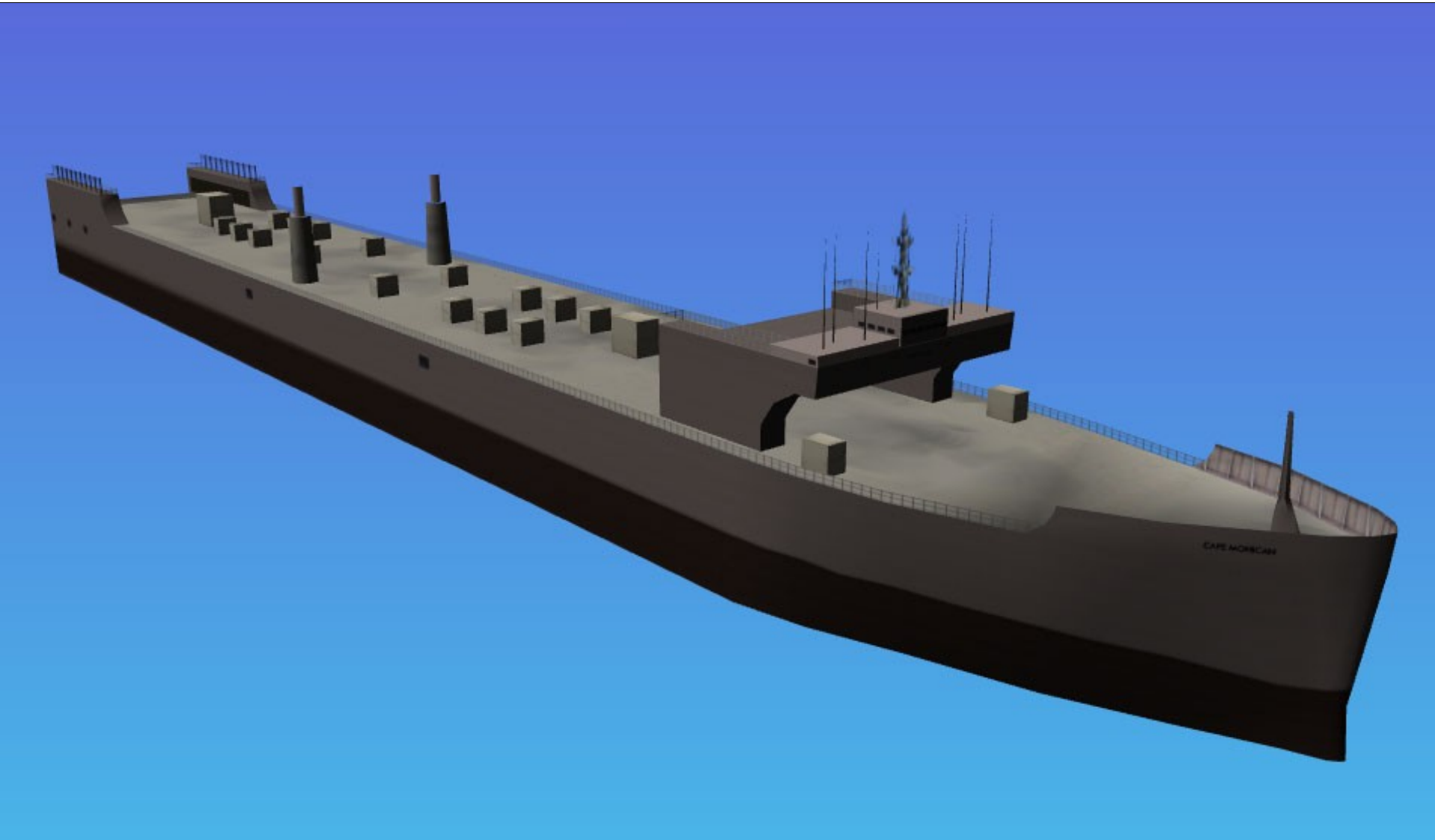


LSV



LT-800

T-AKR SeaBee



Exercise Areas

- New York
- Norfolk
- San Diego
- Singapore Straits
- Tokyo
- Boston
- Charleston
- Curacao
- Dover Straits
- Ingleside
- Kings Bay
- Mayport
- Naples
- Pascagoula
- Rotterdam
- Toyama
- San Pedro
- Pusan

JLOTS Training

- Bridge Team Training
- Maneuvering Techniques
- Mission Rehearsal Exercise
- Orientation of New Personnel

Mooring to a Causeway Pier

Mooring to RRDF

Bridge Simulator Capabilities

* Any Surface Ship
* Any Operational Area
* Skill Training (Team Training)
* Pre-Deployment Training
* Validate Tactics, Techniques & Procedures (TTP)
* Test New Designs

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